ANNEXURE NO. 8

[*Vide* Unstarred Question No. 2666 (a) to (e) answered on 15th December, 2006]

Outbreaks investigated by NICD during 2002—2006

2002

Sl. No.	Diagnosis of outbreak	Area affected	Period of outbreak
1.	Pneumonic plague	Hatkoti village, Shimla District, Himachal Pradesh	February-March
2.	Chickenpox	Jawahar Lal University, Delhi	February
3.	Viral hepatitis E	Mandi town, Himachal Pradesh	February-March
4.	Fever with neurological syndrome	Gombli village, Thiruvellur District, Tamilnadu	February-March
5.	Measles	South Tripura	March
6.	Chronic renal failure	South Goa District, Goa	June
7.	Acute febrile encephalopathy due to Measles	Warangal District, Andhra Pradesh	July
8.	Acute bacillary dysentery, due to Shigella	Refugee Camps, Reang, North Tripura	July
9.	Fever	Madhaypur village, Muzaffarpur District, Bihar	July
10.	Outbreak of Cholera	Flood affected Nakhola gram of Morigaon District, Assam	August
11.	Dengue fever	Warangal district, Veerannapet village, Andhra Pradesh	Aug-September
12.	Dengue fever	Hyderabad city and District of Andhra Pradesh	September
13.	Leptospirosis	Kerala	September
14.	Viral encephalitis	Saharanpur, Muzaffarpur	Nov-December

	2003		
Sl.No Outbreak	Areas affected	Period	Diagnosis
1. Investigation of a rumour of SARS case	Bhopal, Madhya Pradesh	5th April, 2003	No SARS
2. Epidemiological investigation of an outbreak of Hepatitis E	Bindalpur extension-Jeevan Park, Adarsh Nagar, Delhi	17th April 2003	Hepatitis E
3. Investigation of a rumour of SARS case	Goa, Goa	17-18th April 2003	SARS
4. Investigation of fever episode (influenza)	Tehri district, Uttaranchal	25-28 May 2003	Influenza A
5. Epidemiological investigation of a focal outbreak of measles	Moolchand slum cluster behind Rajghat power house, Delhi	13th June 2003	Fever of various aetiology
6. Investigation of a fever outbreak in Murshidabad (Influenza)	Murshidabad district, West Bengal	11-15 June 2003	Influenza B
7. Investigation of dengue/ leptospirosis outbreak	Kerala	1-5 July 2003	Dengue and Leptospirosis, both lab proved
8. Investigation of Epidemic dropsy outbreak	Madhya Pradesh	6-7 July 2003	
9. Investigation of Encephalitis outbreak	Andhra Pradesh	2-6 & 12-14 July 2003	J E
10. Investigation of suspected cases of Japanese Encephalitis cases in Nagpur region, Maharashtra	Maharashtra	11-12 July 2003	J E not confirmed by laboratory diagnosis
11. Investigation of mystery fever cases (typhus) admitted in the Indira Gandhi Medical College, Shimla	Himachal Pradesh	18-20 September 2003	Typhus
12. Epidemiological investigations of malaria in Western Rajasthan	Rajasthan	18-19 September 2003	Malaria Falciparum
13. Epidemiological investigation of Dengue cases in NCT of Delhi	Sangam Vihar & Kalkaji, Delhi	10th October 2003	Dengue
14. Assessment of flood situation in Madhya Pradesh by central health team	Madhya Pradesh	15-18 October 2003	
15. Investigation of outbreak of viral encephalitis in district of Saharanpur	Saharanpur, Uttar Pradesh	18-20 October 2003	Lab diagnosis inconclusive
16. Health situation Assessment in the flood affected areas of Chattisgarh state by NICD team	Chattishgarh	21-24 October 2003	
17. Epidemiological investigation of Leptospirosis in Gujarat	Gujarat	28-31st October 2003	

2004

Sl No.	Diagnosis of Outbreak	Affected area	Period of investigation	Remarks
1.	Epidemiological investigation of malaria cases in Jaisalmer District of Rajasthan	Jaisalmer District, Rajasthan	10-14 February 2004	Malaria Falciparum
2.	Epidemiological Assessment of incidence of Kyasanur Forest Disease among vaccine groups in Shimoga District of Karnataka	Shimoga District of Karnataka	28th April-2nd May	No conclusive evidence of infection among immunized found
3.	Investigation of Measles Epidemic in Shivpuri and Bhind Districts of Madhya Pradesh	Shivpuri and Bhind Districts of MP	6-8 May	Lab proved Measles
4.	An outbreak of Acute Diarrhoeal Diseases investigated in the Districts of Morena and Bhind in Madhya Pradesh.	Districts of Morena and Bhind in Madhya Pradesh	24-27 May, 2004	Cholera confirmed by laboratory investigations
5.	Four teams of epidemiologist and microbiologist investigated travel related legionnaire's disease at Agra, Delhi, Goa and Jaipur.	Agra, Delhi, Goa and Jaipur	22-26 June, 2004	No evidence of Legionnaire's confirmed
6.	DEC related death investigation at Gulbarga and Bidarbid in Karnataka.	Gulbarga and Bidarbid in Karnataka	5th June, 2004	Deaths could not be related to MDA of DEC
7.	Outbreak investigation of child death with fever and convulsion in Vadodara, Gujarat.	Vadodara, Gujarat	3-6 July, 2004	
8.	Focal outbreak of Hepatitis at Tughlak Road, New Delhi.	New Delhi	12th July, 2004	Lab confirmed Hepatitis E
9.	Flood assessment of Bihar.	Bihar	14-17 July, 2004	
10.	Flood assessment of Assam.	Assam	14-17 July, 2004	
11.	Focal outbtreak of Hepatitis E at Kerala House, New Delhi.	New Delhi	15th July, 2004	Laboratory confirmed Hepatitis E
12.	Flood assessment of Gujarat	Gujarat	9-12 August, 2004	
13.	Epidemiological investigation of Leptospirosis and dengue in Kerala.	Kerala	10-13 August, 2004	Laboratory confirmed Leptospirosis
14.	Epidemiological investigation of drinking water quality with special reference to flourosis.	Chennai	11-13 August, 2004	High flourosis content in drinking water samples
15.	Situation Assessment of Kala-azar in Bihar.	Bihar	11-13 August, 2004	
16.	Epidemiological investigation of Japanese Encephalitis situation in Gorakhpur division of Uttar Pradesh.	Gorakhpur division of Uttar Pradesh	28th-31 August	Laboratory evidence JE
17.	Epidemiological investigation of Leptospirosis in Gujarat State.	Gujarat 2004	609 September	Laboratory evidence of Leptospirosis
18.	Epidemiological investigation of cerebral malaria cases in Jharkhand State.	Godda District of Jharkhand State	18-21 September 2004	Cerebral Malaria-P falciparum laboratory proved

Sl. No.	Diagnosis of Outbreak	Affected area	Period of investigation	Remarks
19.	Epidemiological investigation of Acute Febrile illness in Dangud village, Uttaranchal	Dangud and adjoining villages of UA	20-22 October 2004, & 27-28 October 2004	Plague 8 cases 3 deaths.
20.	Epidemiological investigation of Acute Encephalitis cases in Baghpat District of Uttar Pradesh	Baghpat district of UP	October 2004	Laboratory investigation did not confirm JE.
21.	Epidemiological investigation of Acute Encephalitis cases in Saharanpur, UP	Saharanpur, UP	October, 2004	Laboratory investigation did not confirm JE
22.	Epidemiological investigation of Acute Viral Encephalitis cases in Karnal District of Haryana	Karnal District of Haryana	28-29 October 2004	Laboratory investigation did not confirm JE
23.	Health Situation Assessment of the damage caused by Earthquake/Tsunami in Andaman and Nicobar Islands	Andaman & Nicobar Islands	27 December 2004 to 3 January 2005	
24.	Health Situation Assessment of Tsunami Affected areas of Chennai and Pondicherry	Pondicherry	26 December 2004-10 January 2005	
25.	Health Situation Assessment of Tsunami Affected areas of Tamil Nadu	Chennai and Nagapattinam	26 December 2004 to 4 January 2005	
26.	Health Situation Assessment of Tsunami Affected areas of Andhra Pradesh	Prakasam and Ongole Districts	28 December 2004 to 3 January 2005	

2005

Sl. No.	Diagnosis	Areas affected	Period	Diagnosis
	Health Situation Assessment of Tsunami affected areas of Andhra Pradesh	Guntur, East Godavari, West Godavari and Krishna Districts	3-11 January 2005	
1.	Health Situation Assessment of Car Nicobar and Teressa Islands of Andaman & Nicobar	Car Nicobar and Teressa Islands	4 January-2 January 2005	
2.	Surveillance of Epidemic Prone Diseases in Andaman & Nicobar Islands following Earthquake and Tsunami	Port Blair and the Islands of Hut Bay/ Little Adnamans; Car Nicobar; Terssa; Katchal; Nancowrie/ Camorta and Campbell Bay/Great Nicobar	17 January-22 July 2005	
3.	Investigation of hepatitis outbreak in Ahmedabad, Gujarat	Ahmedabad, Gujarat	6-8 April 2005	Hepatitis E
4.	Investigation of hepatitis outbreak in Hyderabad, Andhra Pradesh	Hyderabad, Andhra Pradesh	13-15 April 2005	Hepatitis E
5.	Investigation of Meningococcemia in different parts of Delhi	Delhi	3 May-1 August 2005	Meningococcal Meningitis

Sl. No.	Diagnosis	Areas affected	Period	Diagnosis
6.	Investigation of Meningococcemia in Uttar Pradesh	Gautam Buddh Nagar, Ghaziabad Lucknow	11-12 May 2005	Meningococal Meningitis
7.	Investigation of Meningococcemia in Haryana	Gurgaon and Chandigarh in Haryana	11-13 May 2005	Meningoccoccal Meningitis
8.	Investigation of Meningococcal meningitis in Kapasheda, Delhi	Kapasheda, Delhi	31 May 2005	Meningococcal Meningitis
9.	Investigation of Anthrax outbreak in Koraput district of Orissa	Koraput, Orissa	17-18 June 2005	Anthrax Lab proved
10.	Investigation of Acute Encephalitis in Muzaffarpur, Bihar	Muzaffarpur, Bihar	18-22 June 2005	Lab diagnosis *inconclusive*
11.	Health Situation Assessment of Food Affected Districts of Gujarat	Kheda, Anand, Vadodara, Surat, Navsari	6-9 July 2005	
12.	Health Situation Assessment of Food Affected Districts of Gujarat	Rajkot, Amreli, Bhavnagar	6-13 July 2005	
13.	Health Situation Assessment of Food Affected Districts of Gujarat	Ahmedabad, Surendaranagar	7-13 July 2005	
14.	Health Situation Assessment of Food Affected Districts of Madhya Pradesh	Panna, Katni, Sagar & Damoh MP	8-11 July 2005	
15.	Health Situation Assessment of Food Affected Areas of Maharashtra	Kalyan Dombivali, Mumbai in Maharashtra	10-22 August 2005	Lab proved outbreak of Leptospirosis
16.	Investigation of Suspected Acute Encephalitis Outbreak in Gorakhpur District of Uttar Pradesh	Gorakhpur UP	18-21 August 2005	Lab proved JE
17.	Central Team established at Gorakhpur to assist control of JE Outbreak	Gorakhpur UP	4 September 2005 -8 November 2005	
18.	Central Team established at Rae Bareilly to assist control of JE Outbreak	Rae Barelly UP	4 September 2005 -7 October 2005	
19.	Health Situation Assessment of Cyclone affected districts of Andhra Pradesh	Vishakhapatnam, Vijianagram, East Godavari and Sri Kakulam in AP	27 September-1 October 2005	
20.	Investigation of an outbreak of Leptospirosis in Surat and adjoining districts of Gujarat	Surat, Gujarat	4-7 October 2005	Leptospirosis

Sl. No.	Diagnosis	Areas affected	Period	Diagnosis
21.	Investigation of an outbreak Actue Encephalitis in Shaharanpur, Uttar Pradesh	Shaharanpur, UP	7-10 October 2005	Lab diagnosis JE
22	Health Situation Assessment of Earthquake Affected areas of Tangdhar, district Kupwara and Uri in J& K	Tangdhar, Kupwar, Uri in J&K	13-22 October 2005	
23	Investigation of Acute Encephalitis outbreaks in Gorakhpur and Saharanpur in Uttar Pradesh	Shaharanpur & Gorakhpur, UP	14 November 2005-18 November 2005	
24.	Investigation of Fever cases in Mukukchong district of Nagaland	Mukukchong, Nagaland	22 November-26 November 2005	Scrub typhus

2006

Sl. No	Outbreak	Areas affected	Period	Diagnosis
1	Investigation of fever with arthralgia/arthritis in Andhra Pradesh	Rayalseema, Nalgonda & Hyderabad districts of Andhra Pradesh	13 February-17 February 2006	Chikungunya viral disease
2	Outbreak of Avian Influenza in birds in Navapur block, District Nandurbar, Maharashtra	Nandurbar district of Maharashtra, Uchchal district of Gujarat	15 February-28 February 2006	Avian Influenza in birds
3	Outbreak of Influenza in birds in Jalgaon district, Maharashtra	Jalgaon district	March-April 2006	Avian Influenza in birds
4.	Outbreak of fever in Maharashtra	Beed, Latur, Nasik and Osmanabad	March, 2006	Chikungunya
5	Chikungunya fever outbreak in Chitoor district, Andhra Pradesh	Chittoor district of Andhra Pradesh	8 April-11 April 2006	Chikungunya viral disease
6.	Outbreak of Influenza in birds in Burhanpur District, M.P.	Burhanpur district, M.P.	April 2006	Avian Influenza in birds
7.	Outbreak of fever in Pondicherry and Tamil Nadu	Pondicherry and Tamil Nadu	June, 2006	Chikungunya
8	Epidemiological invesigations of adverse symptoms reported among children being covered under immunization with JE vaccine (in Gorakhpur), Maharjganj, Kushinagar districts of (UP)	Gorakhpur, Maharajganj, Kushinagar district of UP	15 June-18 June 2006	Adverse Events Following Immunization (AEFI) following JE immunization
9.	Epidemiological Investigation of febrile illness with arthritis reported from Tamil Nadu and Pondicherry	19 Districts of Tamil Nadu & bordering areas of Pondicherry	16 June-19 June 2006	Chikungunya viral fever
10.	Investigation of occurrence of an unknown disease in Bishnupur district, Manipur	Bishnupur district, Manipur	August, 2006	Scrub Typhus

Sl. No.	Outbreak	Areas affected	Period	Diagnosis
11.	Assessment of health situation following floods in Rajasthan	Badmer, Jaisalmer and Pali	September-October, 2006	Floods
12.	Assessment of control measures of Chikungunya control in Maharashtra	Pune and Satara	October, 2006	Chikungunya
13.	Assessment of control measures of Chikungunya control in Karnataka	Karnataka	October, 2006	Chikungunya
14.	Outbreak of fever in Alappuzha District of Kerala	Alappuzha	October, 2006	Chikungunya
15.	Death of children due to Encephalitis Shaharanpur, U.P.	Shaharanpur, U.P.	October, 2006	Acute Encephalitis Syndrome
16.	Investigation of outbreak of fever in Bhilwara district, Rajasthan	Bhilwara District,	November, 2006	Chikungunya
17.	Outbreadk of ADD in Children in Palna, Delhi-110054	Delhi	November, 2006	Infective Gastroenteritis

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